

Temperature measuring transducer - MCR-FL-TS-LP-I-EX - 2864587

Technical data

General

Standards/regulations	NAMUR recommendation NE 21
Housing material	Polyamide PA non-reinforced
Color	green
Line monitoring	NE 43
Conformance	CE-compliant
ATEX	# II 2(1) G Ex ia IIC T6
UL, USA/Canada	cULus
Functional Safety (SIL)	SIL 2
SIL	2

Safety data

Max. output voltage U_o	5 V DC
Max. output current I_o	5.9 mA
Max. output power P_o	7.2 mW
Max. ambient temperature	T4 = 85 °C, T5 = 70 °C, T6 = 55 °C
Group	IIA
Max. external inductivity L_o	100 mH
Max. external capacitance C_o	10 µF
Group	IIB
Max. external inductivity L_o	100 mH
Max. external capacitance C_o	10 µF
Group	IIC
Max. external inductivity L_o	100 mH
Max. external capacitance C_o	2 µF
Safety-related maximum voltage U_m	250 V

Standards and Regulations

Standards/regulations	NAMUR recommendation NE 21
Conformance	CE-compliant
ATEX	# II 2(1) G Ex ia IIC T6
UL, USA/Canada	cULus
Group	IIA
	IIB
	IIC

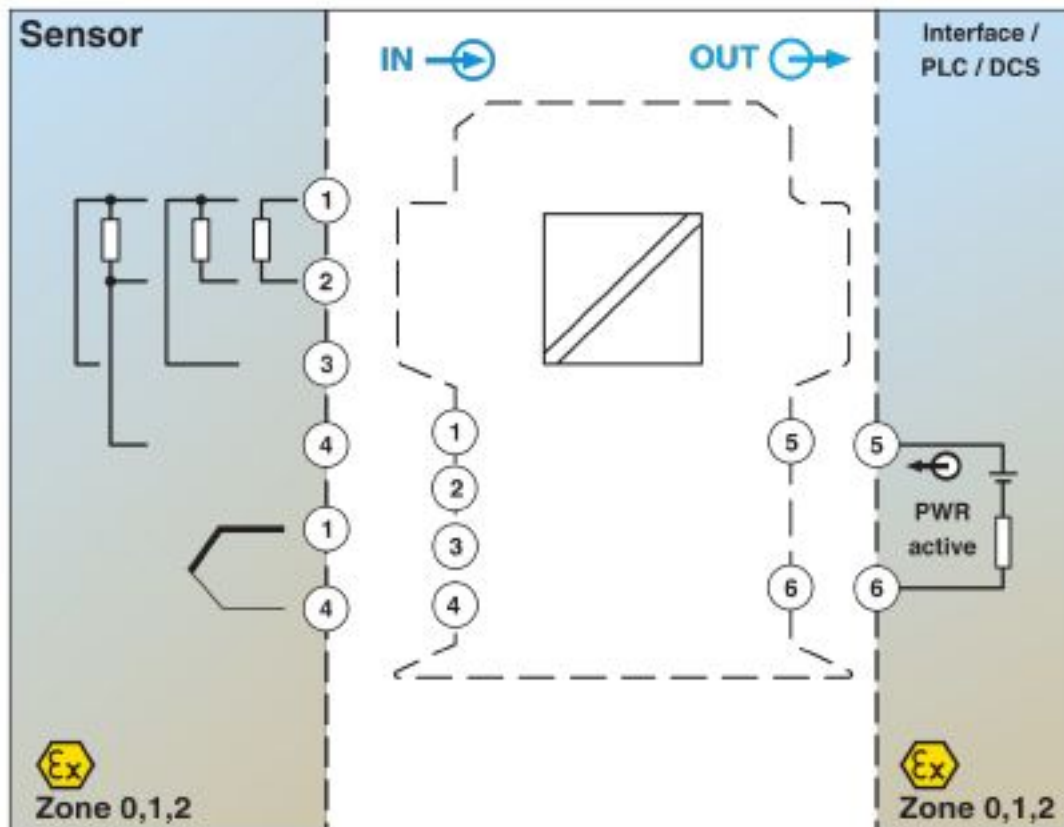
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Temperature measuring transducer - MCR-FL-TS-LP-I-EX - 2864587

Block diagram



Block diagram MCR-FL-TS-LP-I-EX